

Amendments to the Specification:

Please add the following paragraph after paragraph [0001]:

This application is related to the following commonly owned, co-pending applications:

CROSS REFERENCE TO RELATED APPLICATIONS

<u>U.S. Patent Appln. No.</u>	<u>Filed</u>	<u>Docket No.</u>
10/798,232	March 11, 2004	112440-127
10/799,916	March 11, 2004	112440-128
10/798,732	March 11, 2004	112440-129
10/798,716	March 11, 2004	112440-134
10/798,231	March 11, 2004	112440-146
10/798,228	March 11, 2004	112440-147
11/104,890	April 13, 2004	112440-305
11/171,031	June 6, 2005	112440-627
11/574,290	February 26, 2007	112440-1025

Please replace paragraph number [0021] with the following rewritten paragraph:

One embodiment of the present invention is a robot, such as robot cleaner 100, that includes a sensor 102 producing multiple indications of distances to the closest object in an associated portion of the environment. A processor 118 receives indications from the sensor, determines a feature in the environment and controls a motion unit to avoid the feature. ~~A determined feature can be indicated in an internal map.~~ A determined feature can be indicated in an internal map. The determined feature can be a step, an object in a room, or other element.